



# SF 600 - SF 700

*MATFIL series filter media in synthetic fibers*

Product	SF 600	SF 700
UNI EN 779 class	F 5	F 5
EUROVENT class	EU 5	EU 5
Am ASHRAE 52.1.1992	95 %	98 %
Suggested final pressure drop	450 Pa	450 Pa
Maximum operating temperature	100 °C	100 °C
Fire reaction according to DIN 53438	F 1	F 1

SF 600 –700 MATFIL filter media are made of synthetic self-extinguishing micro-fibers, with progressive structure, of various sizes and lengths, combined with special resins. They come with 2 different arrestance/dust filtration efficiency values; they are supplied in 20 m long and 2 m wide rolls or on request in panels of various sizes.

A special fabric on the air outlet side assures an effective dimensional stability and prevents fiber release. The media are self-extinguishing belonging to class F1 DIN 53438. Dust arrestance levels are more or less constant in time; and dust holding capacity is high whereas pressure drop levels have minimal variations between the initial and final values. Another advantage of MATFIL media is their insensitivity to atmospheric agents. These media are disposable and must be properly disposed of at the end of their operating life.

**Applications** SF 600 –700 MATFIL filter media are suitable especially for industrial painting plants for top quality finishing and in drying tunnels. Thanks to their top quality and high efficiency level they can be used in numerous conditioning and ventilation applications, both as sole filter or as pre-filters upstream of absolute or semi-absolute filters.

**Installation** SF 600 –700 MATFIL filters are suitable for installation in proper galvanized steel sheet frames. Face surface begin equal these panels can be positioned in a flat or pleated position to increase the filtration surface. These panels can be installed in a flat or perpendicular position to the air flow, or V-positioned in proper U-shaped guides from which they can be extracted for maintenance operations.

Type	Dimensions					Rated	Initial
	Length (m)		Height (m)		Thickness (mm)	air velocity m/s	pressure drop Pa
SF 600	20	x	2	x	20	0,25	30
SF 700	20	x	2	x	25	0,25	40
SF B/A	20	x	2	x	20	-	-

## Typical curves

